December 16, 2014 Naval Weapons Industrial Reserve Plant and Northrop Grumman Corp Site Meeting

Attendees:
Robert Schick, DEC-Director, DER
Michael Ryan, DEC-Deputy Director, DER
Jim Harrington, DEC-Director, Remedial Bureau A, DER
Stan Carey, Superintendent, MWD
Paul Granger, H2M (representing MWD)
Michael Boufis, Superintendent, BWD
Richard Humann, H2M (representing BWD)
Ralph Atoria, Commissioner, SFWD
Gary Loesch, H2M (representing SFWD)
George Pavlou, EPA-Deputy Regional Administrator
Catherine Mccabe, EPA- Deputy Regional Administrator
John La Padula, EPA-Deputy Division Director, ERRD
Doug Garbarini, EPA-Branch Chief, NYRB
Pete Mannino, EPA-Section Chief, WNYRS

Meeting Outcomes:

- It was agreed that enhanced communications and coordination among the state, local and federal governments participating in the meeting was necessary to ensure that parties responsible for the contamination perform the cleanup of the groundwater in a proactive and timely manner.
- DEC indicated that it would notify the Navy that the submittal of the design workplan should not wait for additional investigations and that the workplan should identify steps necessary to initiate remediation of the hotspot including: evaluation of the use of existing supply wells for extracting and treating water, locations for additional extraction wells, and options for disposition of treated water.
- It was agreed that the agencies should seek to compel Northrop Grumman to sign on to an agreement with DEC for OU 2 in a timely manner, i.e., that the time frame for doing so should not be prolonged and that EPA should issue a unilateral administrative order if Northrop Grumman is not actively seeking to sign on with DEC or if discussions become protracted.
- All parties expressed an interest in treating the groundwater plume in a manner that would allow the systems at the water supply wells to be kept as simple as possible. In order for this to be possible, it may be appropriate to site wells in locations that could address the 500 ppm VOC plume just south of Hempstead Turnpike.
- It was agreed that the district's expertise could be particularly helpful in some important elements of the remediation, such as assisting in the identification of locations for the extraction wells and infrastructure (e.g., piping, treatment plant locations), as well options for disposition of the large quantity of treated water expected to be generated during remediation.
- DEC and EPA acknowledged the districts' concerns that technical assessments or information they provided, if not carefully considered by the agencies, would result in

wasted resources. The agencies agreed to carefully consider input from the districts on tasks that the agencies asked the districts to undertake, but cautioned against undertaking substantive tasks prior to discussing them with the agencies.

- The districts indicated that it was their perspective that it may be best to pipe the water back to the Northrop Grumman facility, rather than find sufficient space (perhaps 2 acres) to locate a treatment plant downgradient of the facility. MWD indicated that they had identified smaller properties that could potentially be used to house a small shed and extraction wells and that they would forward this information to the other parties. [Note:MWD forwarded this information to DEC and EPA on December 17, 2014].
- It was agreed that the parties should schedule another meeting in mid-March and that quarterly meetings should subsequently be scheduled that include the Navy and Northrop Grumman. EPA will coordinate schedules for the March meeting.